

Historic, Archive Document

Do not assume content reflects current scientific knowledge, policies, or practices.

2ND1775
W6 W5

I



WISCONSIN *Farm Reporter*

- Dairy
- Crops
- Livestock

Vol. XIV, No. 1
Free Subscription

January 6, 1982

WISCONSIN FARM HIGHLIGHTS

- Wisconsin Farm Numbers Down Slightly
- 1981 Potato Production and Stocks
- Spotlight — Walworth County
- December Farm Prices

DAIRY UPDATE

Adding a Slice of Life — Wisconsin's Cheese Industry

Wisconsin is easily the nation's premier cheese-producing state. During 1980 Wisconsin produced nearly 38 percent of the nation's total cheese output. During the year Wisconsin cheese plants led the nation in output of American, Muenster, Brick, Limburger, Italian, and Blue cheese. Additionally, Wisconsin was the leader in the production of processed cheese and cold pack cheese. Wisconsin ranks second in the production of Swiss cheese and processed cheese foods and spreads. During 1980, Wisconsin ranked 4th in the production of cottage cheese curd.

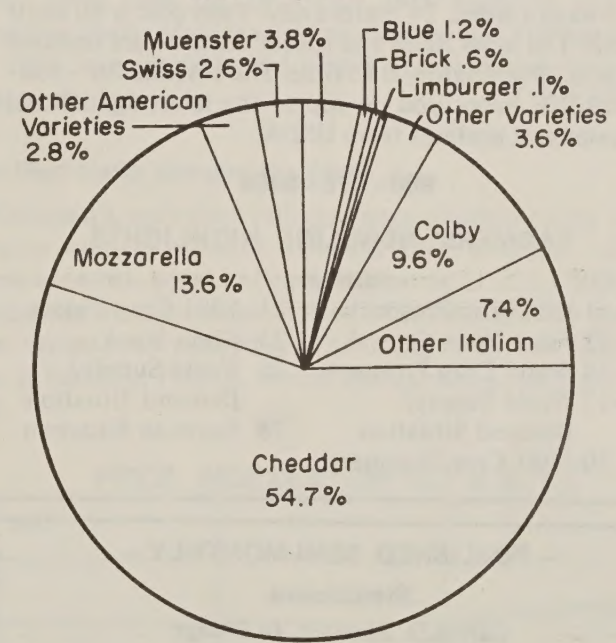
During 1980 a total of 334 plants were responsible for producing over 1.4 billion pounds of cheese. Wisconsin's cheese industry is widely dispersed geographically. According to 1980 data, the 10 leading cheese producing counties are as follows: Wood, Clark, Fond du Lac, Dodge, Trempealeau, Chippewa, Marathon, Richland, Calumet, and Green. These 10 counties accounted for 52 percent of Wisconsin's 1980 cheese output. Trempealeau County leads the state in output of American cheese, Green County leads in Brick and Muenster, and Dodge is the leader in Italian cheese production.

Total cheese production has increased 188 percent in Wisconsin since 1945. Swiss and Brick production have been relatively stable since that time. Swiss production increased 18 percent during the 35-year period, while Brick production increased 44 percent. Since 1945 Blue cheese production has increased 172 percent and American cheese production (including Cheddar and Colby) has increased 156 percent. During the 35-year period Limburger production decreased 65 percent.

The proliferation of Wisconsin's cheese industry has come about, in part, by rapid expansion of Muenster and Italian cheese production. Muenster production has increased 747 percent since 1945. In 1980, Muenster production totaled 56.6 million pounds. Italian production has increased 691 percent since 1945. Italian production totaled 312.5 million pounds in 1980, which represents 21 percent of Wisconsin's total cheese output. Back in 1945 Italian cheese production represented only 8 percent of the state's cheese output.

Italian cheese varieties include asiago, parmesan, provolone, romano, and mozzarella. Of these cheeses, mozzarella, beyond question, has been the most important variety. In 1957 Mozzarella production totaled only 11.2 million pounds. In 1980 mozzarella production totaled 202.2 million pounds, an increase of 191 million pounds a year compared with 1957 production. The difference represents a 1,605 percent increase. Mozzarella production is centered in Dodge, Fond du

WISCONSIN CHEESE PRODUCTION - 1980
Percent by Varieties



(1.484 billion pounds)

222-1-82

WISCONSIN AGRICULTURE REPORTING SERVICE
A Cooperative Function of

Wisconsin Department of Agriculture,
Trade and Consumer Protection
Division of Administration

U. S. Department of Agriculture
Statistical Reporting Service

Lac, and Polk counties. Mozzarella is a key ingredient in pizza, which has experienced enormous growth and appeal over the past 20 years. If the average pizza utilizes 4 ounces of mozzarella, Wisconsin's 1980 mozzarella output would be sufficient for 808,744,000 pizzas.

With much tradition in its favor and a strong dairy heritage, Wisconsin's cheese industry will remain a world class producer for years to come.

Dairy Cold Storage Stocks

Cold storage stocks of cheese were up 20 percent and stocks of butter were up 50 percent in the U.S. at the end of November. Cheese stocks in storage, as of November 30, totaled 676.6 million pounds, up 111.2 million pounds from a year ago. The government had 234.9 million pounds of American cheese in cold storage on November 30, compared with 70.7 million pounds a year earlier. The difference, 164.2 million pounds, represents a 232 percent increase. There were 455.3 million pounds of butter in storage on November 30, which is an increase of 152.6 million pounds from the same date in 1980. Government butter stocks totaled 403.1 million pounds, 56 percent more than a year ago.

FARMERS' 900 NEWSLINE

Call the FARMERS' - 900 - NEWSLINE for the latest U.S. and world crop, livestock, export, and economic news from USDA. A 60-second summary is available to you 7 days a week, 24 hours a day. Your cost is 50 cents per call. The news items and special features are updated at 4 p.m., Washington, D.C. time. The FARMERS' - 900 - NEWSLINE keeps you on top of the latest agricultural estimates and analyses from USDA.

900 - 976 - 0404

FARMERS' NEWSLINE HIGHLIGHTS

January

11 U.S. Crop Prospects	21 1981 Crop Values
12 Farm News Special	25 Grain Stocks
14 World Crop Prospects	26 World Supply/ Demand Situation
15-17 World Supply/ Demand Situation	28 Soybean Situation
20 1981 Crop Summary	

— PUBLISHED SEMI-MONTHLY —

Statisticians

Carrol D. Spencer, *In Charge*

Jim Davies, *Assistant in Charge*

Ed Lippert

John S. Rowe

Laverne E. Krahn

Ronald F. Kriesel

Editor

Jeff Kratz

This publication is free upon request to the Wisconsin Agriculture Reporting Service, Box 9160, Madison, Wisconsin 53715.

Cold Storage Stocks of Butter and Cheese

Commodity	Nov. 30, 1979	Nov. 30, 1980	Nov. 30, 1981	Change from last year
	1,000 pounds			Percent
	UNITED STATES			
Butter	182,118	302,709	455,262	+ 50
Cheese, American	424,228	462,271	590,894	+ 28
Cheese, Swiss	13,523	12,205	9,872	- 19
Cheese, all other	90,464	90,941	75,828	- 17
Cheese, total	528,215	565,417	676,594	+ 20
	WISCONSIN			
Butter	21,150	31,580	47,889	+ 52
Cheese, American	233,012	197,802	188,060	- 5
	GOVERNMENT STOCKS*			
Butter	155,032	258,586	403,051	+ 56
Cheese, American	1,319	70,747	234,902	+ 232

*Included in above totals.

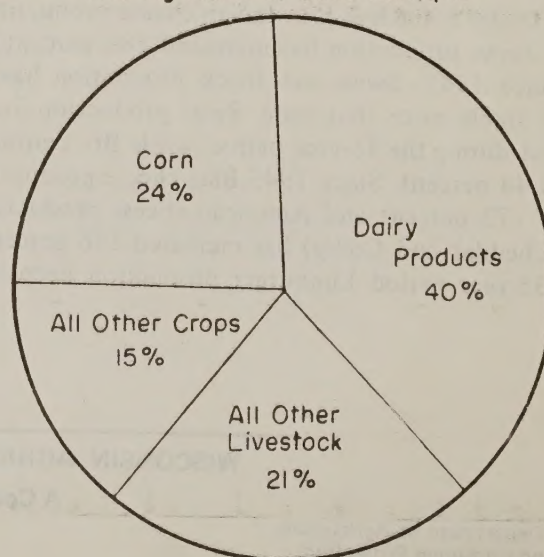
SPOTLIGHT - WALWORTH COUNTY

Walworth County ranked 26th in farm income in 1980. Cash receipts from agricultural commodities doubled in the county from 1973 through 1980. Walworth County is swinging gradually to crop production as crops accounted for a larger share of total receipts in 1980 than in 1973. Approximately 39 percent of the county's farm income was obtained from crops in 1980 compared with 31 percent in 1973. Field crops contributed a third of the 1980 farm cash receipts. Corn was the major field crop with \$20.1 million in receipts for 1980. Walworth County ranked 5th in the state in 1980 in cash receipts from corn sales. Since 1973, Walworth County's corn acreage for grain has increased 28 percent, going from 77,900 to 100,000 acres.

Soybeans added \$6.2 million to the total 1980 farm income. Acres of soybeans harvested have increased from 19,200 to 27,000 acres in the 1973 to 1980 period. Walworth County ranked third in receipts from soybeans and second for wheat during 1980. Vegetables provided slightly over 4 percent of the 1980 farm income, with green peas the leading contributor.

Dairying remains a significant contributor to county farm income, although percentage of cash receipts from dairy

WALWORTH COUNTY
1980 Agricultural Cash Receipts



Percent of all commodities

products has fallen from 45 percent in 1973 to 40 percent in 1980. Dairy product sales added \$33.7 million to the county's total of \$83.3 million in agricultural cash receipts. Meat animals made up 19 percent of 1980's farm income while poultry and eggs contributed slightly less than 2 percent. Within the meat animal classification sales of cattle and calves are most important as 1980 receipts totaled \$12.9 million.

Farm Numbers Down Slightly

The number of farms in Wisconsin as of January 1, 1982 was estimated at 92,000, down 1,000 from January 1, 1981. A farm is defined as a place with an annual sale of agricultural products of \$1,000 or more. Reasons for the decline include a generally sluggish agricultural economy, high interest rates and uncertainty over support price programs.

Farm numbers in Wisconsin declined at a slower rate since the 1970's as opposed to the 1960's when the annual reduction was usually 3,000 farms. The current number of farms is less than half of the peak of 200,000 farms reached in 1935. Farm numbers are now the lowest since the 1860's.

Land in farms, as of January 1, 1982, is estimated at 18.5 million acres, down 100,000 acres since January 1, 1981. Over 5 million acres have been removed from agriculture since 1942 when a high of 24 million acres was in farmland in Wisconsin. As farm numbers decline the average farm size increases. Average farm size in Wisconsin, as of January 1, is 201 acres.

As of January 1, 1982 there were 2,437,030 farms in the U.S., an increase of 1,220 farms from the previous year. Land in farms totaled 1,045 billion acres, up just slightly from year-ago totals. The average size of a U.S. farm is 429 acres.

Number of Farms and Land in Farms
Wisconsin and United States, 1950-82 1/

Year	Wisconsin			United States		
	No. of farms	Average size	Land in farms	No. of farms	Average size	Land in farms
	Thous.	Acres	Mil. acres	Thous.	Acres	Mil. acres
1950	174	136	23.6	5,648	213	1,202.0
1955	155	150	23.2	4,654	258	1,201.9
1960	138	161	22.2	3,963	297	1,175.6
1961	136	163	22.1	3,825	305	1,167.7
1962	133	165	22.0	3,692	314	1,159.4
1963	130	168	21.8	3,572	322	1,151.6
1964	127	170	21.6	3,457	332	1,146.1
1965	124	173	21.4	3,356	340	1,139.6
1966	121	175	21.2	3,257	348	1,131.8
1967	118	177	20.9	3,162	355	1,123.5
1968	115	179	20.6	3,071	363	1,115.2
1969	112	181	20.3	3,000	369	1,107.8
1970	110	183	20.1	2,949	374	1,102.4
1971	108	184	19.9	2,902	378	1,096.9
1972	107	185	19.8	2,860	382	1,092.1
1973	106	186	19.7	2,823	385	1,087.9
1974	105	187	19.6	2,795	388	1,084.4
1975 2/. . .	100	193	19.3	2,521	420	1,059.4
1976	98	195	19.1	2,497	422	1,054.1
1977	96	197	18.9	2,456	427	1,047.8
1978	95	198	18.8	2,436	429	1,044.8
1979	94	199	18.7	2,430	429	1,043.2
1980	93	200	18.6	2,428	429	1,042.2
1981	93	200	18.6	2,436	429	1,044.7
1982 3/. . .	92	201	18.5	2,437	429	1,045.8

1/Including Alaska and Hawaii. 2/Estimates from 1975 on include places with annual sales of agricultural products of \$1,000 or more. 3/Preliminary.

1981 Potato Production and Stocks

Wisconsin's 1981 potato crop is estimated at 18.2 million hundredweight, an increase of 14 percent from 1980. A total

of 53,500 acres were harvested in 1981, an increase of 3,500 acres from 1980. Yields per acre are estimated at 340 hundredweight, an increase of 20 hundredweight from 1980 and a record high. As of December 1 the state's potato warehouses had a total of 9.1 million hundredweight in storage. This is .5 million hundredweight more than were in storage on December 1, 1980. The 9.1 million hundredweight in storage represents 50 percent of Wisconsin's production; this contrasts to 54 percent in storage a year earlier.

FARM PRICES

U. S. Prices Received Index Slides in December

The December index of prices received by farmers decreased 7 points from November to 230 percent of its January-December 1967 average. Contributing to the downturn in the index were lower prices received for milk cows, beef cattle, steers and heifers, slaughter cows, calves, hogs, sheep, lambs, turkeys, eggs, wheat, corn, oats, barley, and soybeans. The only farm commodities which increased in price in December were milk, alfalfa hay and other hay.

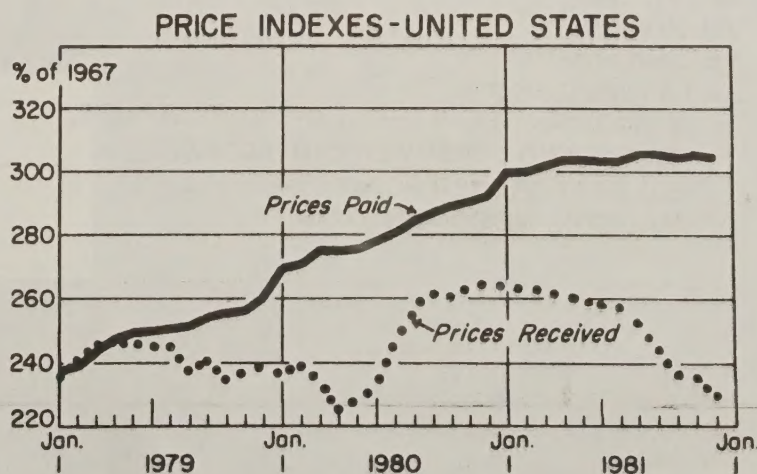
The index of prices paid by farmers for commodities and services, interest, taxes, and wage rates for December was 304 percent of the 1967 base, down 2 points from the November index, but 12 points higher than the December 1980 index.

Wisconsin Prices Received Index Is Down in December

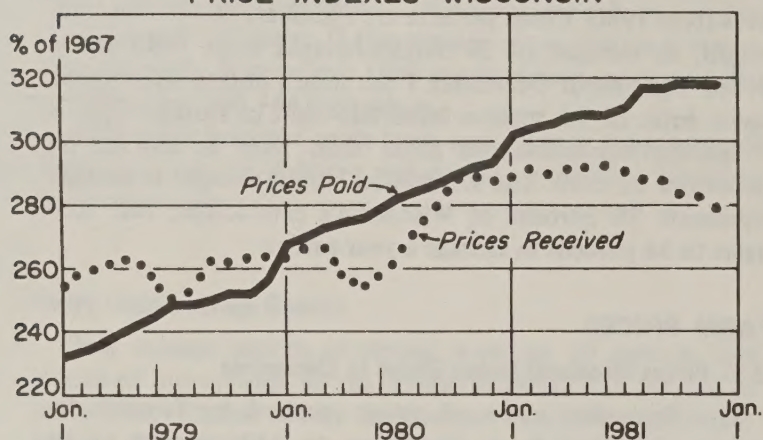
The December index of prices received by Wisconsin farmers was 279 percent of the 1967 base, down 4 points from the November index of 283. The December index was 8 points lower than the December 1980 index of 287. The December index of prices paid by farmers was 318 percent of the 1967 base, equal to last month's index, but up 24 points from a year ago.

Milk-Feed Ratio Remains the Same

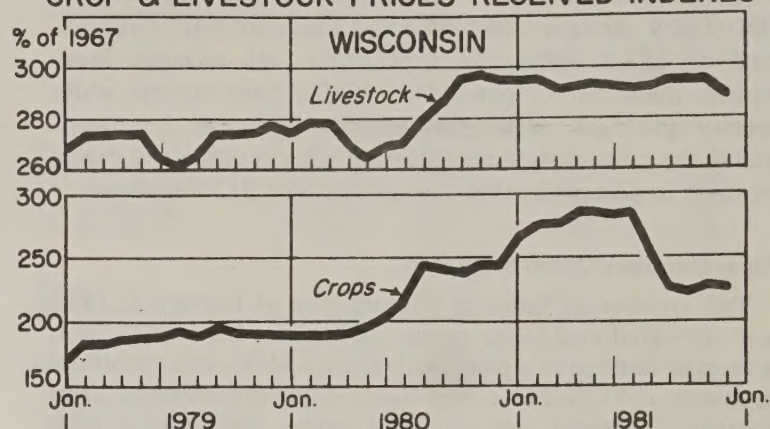
Wisconsin's milk-feed ratio (pounds of concentrate ration equal in value to 1 pound of whole milk) averaged 1.47 for December 1981, equal to the November ratio of 1.47. Despite a slight slip in milk prices, a drop of prices paid for concentrate ration was offsetting. The most favorable milk-feed ratio is found in Florida, where the December ratio averaged 1.93.



PRICE INDEXES-WISCONSIN



CROP & LIVESTOCK PRICES RECEIVED INDEXES



Commodity	Unit	Wisconsin			United States		
		Month of Dec. 1980	November 15, 1981	December 15, 1981	Month of Dec. 1980	Month of Nov. 1981	December 15, 1981
PRICES RECEIVED:		Dollars			Dollars		
Milk cows	Head	1,220.00	1,110.00	1,080.00	1,230.00	1,180.00	1,160.00
Steers and heifers	Cwt.	59.40	55.90 2/	52.80	65.00	59.10	56.70
Slaughter cows	Cwt.	43.60	38.90 2/	36.90	42.70	36.60	34.60
Calves 1/	Cwt.	88.00	93.50 2/	96.40	70.30	59.60	58.70
Hogs	Cwt.	44.00	40.80 2/	37.30	43.90	41.50	38.90
Sheep	Cwt.	17.50	15.00	15.00	20.80	19.60	18.40
Lambs	Cwt.	55.00	47.00	45.00	58.40	47.40	46.50
Turkeys	Lb.	.490	.310	.340	.461	.356	.328
Eggs	Doz.	.580	.610	.530	.726	.695	.613
Milk, all 2/	Cwt.	13.69	13.66	13.60	14.10	14.00	14.10
Wheat	Bu.	4.21	3.70	3.70	4.22	3.85	3.65
Corn	Bu.	3.01	2.19 2/	2.24	3.19	2.35	2.27
Oats	Bu.	1.57	1.72 2/	1.76	1.92	1.88	1.87
Barley	Bu.	2.75	2.16	2.16	2.97	2.49	2.34
Soybeans	Bu.	7.25	5.80	5.80	7.80	6.03	5.93
Alfalfa hay, baled	Ton	41.00	65.00	71.00	79.10	67.70	68.70
Other hay, baled	Ton	30.00	68.00	58.00	67.70	56.20	59.30
Index 3/ (1967=100)	Pct.	287	283	279	265	237	230
(1977=100) 5/	Pct.	157	155	153	145	130	126
PRICES PAID:							
Soybean meal, 44% protein	Cwt.	15.50	12.20	12.40	16.30	13.70	13.80
Cornmeal	Cwt.	6.40	5.80	5.70	8.21	7.69	7.45
Dairy feed, 16% protein	Ton	210.00	187.00	185.00	203.00	179.00	182.00
Index 4/ (1967=100)	Pct.	294	318	318	292	306	304
(1977=100) 5/	Pct.	142	149	149	144	151	150

1/Includes slaughter "bobs," replacements, and special feds. 2/Average for the month. 3/Index numbers prices received by farmers, unadjusted, all farm products. 4/Index numbers prices paid by farmers for commodities and services, interest, taxes, and wage rates. 5/A change to 1977=100 base period was made beginning with June 1981. The 1967=100 base will continue to be published through June 1982.

WISCONSIN FARM REPORTER (USPS 398-970)

January, 1982

Vol. XIV, No. 1

Published Semi-Monthly

Send Address Correction To:

WISCONSIN DEPARTMENT OF AGRICULTURE
TRADE AND CONSUMER PROTECTION
801 WEST BADGER ROAD
MADISON, WISCONSIN 53713

SECOND CLASS POSTAGE PAID
AT MADISON, WISCONSIN

971 55 000104363-0 -
NAT'L AGRICULTURAL LIB -RLSE
TIS/SEA/USDA
CURRENT SERIAL RECORDS -
BELTSVILLE MD 20705